

PUBLIC NOTICE NO. MT-08-19

October 20, 2008

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to state the Department's intention to issue wastewater discharge permits to the facilities listed in this notice. These permits are issued by the Department under the authority of 75-5-402, Montana Code Annotated (MCA); the Administrative Rules of Montana (ARM) 17.30.1301 *et seq.*, Montana Pollutant Discharge Elimination System (MPDES); ARM 17.30.1001 *et seq.*, Montana Ground Water Pollution Control System (MGWPCS); and Sections 402 and 303 of the Federal Clean Water Act. The Water Protection Bureau has prepared draft permits for the facilities listed below. Copies of the draft permits, statements of basis, and environmental assessments are available upon request from the Water Protection Bureau or on the Department's website www.deq.mt.gov.

APPLICANT INFORMATION

APPLICANT NAME:	River Rock County Water and Sewer District 265 North River Rock Road Belgrade, MT 59714
FACILITY NAME:	River Rock Subdivision
FACILITY LOCATION:	Southwest ¼ of Section 3, Township 1 South, Range 4 East, Gallatin County
RECEIVING WATER:	Class I ground water
PERMIT NUMBER:	MTX000147

This is a new permit for the River Rock County Water and Sewer District wastewater treatment system. The permit authorizes the discharge of treated residential-strength wastewater from 1,192 single family homes, a school, and several retail businesses west of Belgrade. The wastewater will receive treatment in two aerated lagoons prior to discharge to the ground via up to eight Infiltration/Percolation (IP) beds (Outfall 001). The design effluent rate of the treatment system is 374,000 gallons per day. The location of Outfall 001 is 45° 46' 44" North Latitude and 111° 13' 24" West Longitude.

Discharge is to groundwater, which is classified "Class I" by the Montana Ground Water Quality Standards [Administrative Rules of Montana (ARM) 17.30.1006 (1)]. Class I ground water is suitable for public and private water supplies, culinary and food processing purposes, irrigation, drinking water for livestock and wildlife and for industrial and commercial uses. Applicable water quality standards for Class I ground water are given in ARM 17.30.1006(1)(b). The discharge from the drainfield will contain elevated levels of biological oxygen demand (BOD), total suspended solids (TSS), nitrogen, phosphorus and pathogens.

The permittee is required to monitor the effluent monthly (semi-annually for metals) to ensure ground water is protected. The draft discharge permit grants a source-specific 50-foot ground water mixing zone. The permittee is required to conduct monthly ground water monitoring from four wells (two upgradient and two downgradient from Outfall 001). Ground water monitoring is conducted to insure ground water quality limits are not exceeded. The permit includes a compliance schedule to reduce BOD concentrations. The permit also has provisions for a compliance schedule if the nitrate or Escherichia coliform bacteria concentrations exceed the water quality standards in either of the downgradient monitoring wells.

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APPLICANT NAME: Dave Rasmussen.
19 Rock Ridge Drive
Clancy, Montana 59634-9730

FACILITY NAME: Stoney Brook Condominium Village

FACILITY LOCATION: Northwest ¼, Northeast ¼, of Section 23, Township 9
North, Range 3 West, Jefferson County

RECEIVING WATER: Class I ground water

PERMIT NUMBER: MTX000197

The permit authorizes the discharge of treated residential-strength wastewater from the Stoney Brook Condominium Village, a retirement community south of Montana City. The permittee currently collects, treats, and disposes of an average design effluent flow of 12,112 gallons per day (gpd) from 44 existing condominium lots and one community center that compose Phases I and II. The permittee proposes to collect, treat, and dispose of an average design effluent flow of 6,000 gpd from 20 proposed condominium lots that will compose Phase III. Level II wastewater treatment occurs in recirculating sand filters, followed by a pressure-dose tank(s) that doses a subsurface drainfield area (Outfall 001), which discharges to shallow ground water.

Ground water beneath the property is listed as Class I, according to the Administrative Rules of Montana [ARM 17.30.1006(1)]. The permittee is required to monitor the effluent and the

quality of the shallow ground water quarterly to ensure the proper treatment of BOD, TSS, phosphorous, and nitrogen. The draft discharge permit grants a 380-foot source specific ground water mixing zone.

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APPLICANT:	Dawson County West Glendive Sewer Lagoon
FACILITY NAME:	Community of West Glendive Wastewater Treatment Plant
FACILITY LOCATION:	102 Highway 16
RECEIVING WATER:	Outfall 001: Yellowstone River
PERMIT NUMBER:	MT0021733

The Community of West Glendive Wastewater Treatment Plant is a 31-acre two-cell facultative lagoon that serves approximately 1,900 people. The Statement of Basis identifies new effluent limits in this permit cycle and allows sufficient time for Dawson County to plan, design, and budget and construct a facility to meet the effluent limits during the subsequent permit cycle.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary total maximum daily loads (TMDLs) under Section 303(d) of the Clean Water Act are established for a particular water quality limited segment, the State is not to issue any new permits or increase permitted discharges under the MPDES program. The order was issued in the lawsuit Friends of the Wild Swan v. U.S. EPA, et al., CV 97-35-M-DWM, District of Montana, Missoula Division. The DEQ finds that the issuance of this proposed permit does not conflict with the order because it is not a new permit and the renewed permit will reduce the pollutant load to the Yellowstone River.

PUBLIC COMMENT

Public comments are invited **ANYTIME PRIOR TO CLOSE OF BUSINESS November 20, 2008.** Comments may be directed to the DEQ Permitting & Compliance Division, Water Protection Bureau, PO Box 200901, Helena, MT 59620. All comments received or postmarked **PRIOR TO CLOSE OF BUSINESS November 20, 2008** will be considered in the formulation of final determinations to be imposed on the permits. If you wish to comment electronically, you may e-mail Dianne Beaman at WPBPublicNotices@mt.gov.

During the public comment period provided by the notice, the Department will accept requests for a public hearing. A request for a public hearing must be in writing and must state the nature of the issue proposed to be raised in the hearing (ARM 17.30.1373 and 17.30.1024).

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The Department will respond to all substantive comments and issue a final decision within sixty days of this notice or as soon as possible thereafter. Additional information may be obtained upon request by calling (406) 444-3080 or by writing to the aforementioned address. The complete administrative record, including permit application and other pertinent information, is maintained at the Water Protection Bureau office in Helena and is available for review during business hours.

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